

Conservation and other Cultural Heritage Applications for Augmented Reality

Taylor McDonald - president and co-founder Second|Site LLC

Andrew Carroll - vice president and co-founder

Matthew Carroll - creative director and co-founder

A new interface will be presented that allows museum professionals to visualize condition documents through the live camera view of a tablet. This is especially useful for registrars, conservators, and collection managers.

Second|Site LLC, a Chattanooga, TN, based augmented reality (AR) and geospatial company, has initiated the development of an augmented reality user interface (ARUI) that uses normal sensors contained in mobile smart devices to aid in the important and critical task of completing reports.

Augmented reality allows a user to view digital information that is overlaid in a real-world view. Though a relatively new term to the mass media, AR is common technology that most people have seen or experienced. Casual observers of a football game on television recognize that the yellow first-down line is simply digital data that is only visible through the lens of the television. Modern tablets and phones have similar capabilities thanks to the suite of sensors such as a GPS, compass, gyroscope, accelerometer, camera and broadband connections. The smart mobile device is the new lens for interacting with a wireless and personal AR experience.



MCI *Topics in Museum Conservation*

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MUSEUM SUPPORT CENTER

4210 Silver Hill Road

Suitland, MD 20746

301-238-1240



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